



PDC Laboratories, Inc.

Reference No. 95080107-110

August 4, 1995

Mr. Leroy Cassidey
Smith Environmental
3536 Desirrah Drive
Mobile, AL 36618-1196

Dear Mr. Cassidey:

Enclosed are the analytical reports for the analysis of your samples along with the accompanying chain of custody form.

Please review your reports and contact me if you have any questions or would like assistance interpreting the data. Our goal is to provide data of demonstrable quality employing approved and documented analytical methods.

We appreciate the opportunity to provide analytical services and look forward to working with you in the future.

Sincerely,

Lisa Y. Grant
Project Manager
PDC Laboratories, Inc.

LYG/tw

enclosure

9351677



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PDC Laboratories, Inc.

CLIENT Smith Environmental
DATE COLLECTED 08-02-95
DATE RECEIVED 08-03-95
DATE OF REPORT 08-04-95
SAMPLE DESCRIPTION Soil Pile Unmixed
SP2
P.O. NUMBER SC8975-05
LAB NUMBER 95080107

LAB NUMBER	ANALYSIS	RESULTS
95080107	TCLP Barium	1.10 mg/l
	TCLP Chromium	<0.002 mg/l
	TCLP Lead	<0.01 mg/l
	Barium Spike Recovery	90 %
	Chromium Spike Recovery	88 %
	Lead Spike Recovery	93 %

Paula Zerkow-Hunt
Trace Metals Section Supervisor
spec-1:tw



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CLIENT Smith Environmental
DATE COLLECTED 08-02-95
DATE RECEIVED 08-03-95
DATE OF REPORT 08-04-95
SAMPLE DESCRIPTION Tank Sludge T4
P.O. NUMBER SC8975-05
LAB NUMBER 95080108

LAB NUMBER	ANALYSIS	RESULTS
<u>95080108</u>	<u>TCLP Barium</u>	<u>1.38 mg/l</u>
	<u>TCLP Chromium</u>	<u>0.13 mg/l</u>
	<u>TCLP Lead</u>	<u>0.04 mg/l</u>
	<u>Barium Spike Recovery</u>	<u>90 %</u>
	<u>Chromium Spike Recovery</u>	<u>88 %</u>
	<u>Lead Spike Recovery</u>	<u>93 %</u>

David Zylka-Hart
Trace Metals Section Supervisor
spec-1:tw



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PDC Laboratories, Inc.

CLIENT Smith Environmental
DATE COLLECTED 08-02-95
DATE RECEIVED 08-03-95
DATE OF REPORT 08-04-95
SAMPLE DESCRIPTION Soil Pile 3 SP2
P.O. NUMBER SC8975-05
LAB NUMBER 95080109

LAB NUMBER	ANALYSIS	RESULTS
<u>95080109</u>	<u>TCLP Barium</u>	<u>1.07 mg/l</u>
	<u>TCLP Chromium</u>	<u>0.01 mg/l</u>
	<u>TCLP Lead</u>	<u>0.42 mg/l</u>
	<u>Barium Spike Recovery</u>	<u>90 %</u>
	<u>Chromium Spike Recovery</u>	<u>88 %</u>
	<u>Lead Spike Recovery</u>	<u>93 %</u>

Bruce Zysky Head
Trace Metals Section Supervisor
spec-1:tw



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PDC Laboratories, Inc.

CLIENT Smith Environmental
DATE COLLECTED 08-02-95
DATE RECEIVED 08-03-95
DATE OF REPORT 08-04-95
SAMPLE DESCRIPTION Soil Pile 1 SP1
SP2
P.O. NUMBER SC8975-05
LAB NUMBER 95080110

LAB NUMBER	ANALYSIS	RESULTS
<u>95080110</u>	<u>TCLP Barium</u>	<u>1.27</u> <u>mg/l</u>
<u></u>	<u>TCLP Chromium</u>	<u>0.004</u> <u>mg/l</u>
<u></u>	<u>TCLP Lead</u>	<u>0.04</u> <u>mg/l</u>
<u></u>	<u>Barium Spike Recovery</u>	<u>90</u> <u>%</u>
<u></u>	<u>Chromium Spike Recovery</u>	<u>88</u> <u>%</u>
<u></u>	<u>Lead Spike Recovery</u>	<u>93</u> <u>%</u>
<u></u>		

Bruce Zysky Hsant

Trace Metals Section Supervisor
spec-1:tw



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PDC LABORATORIES, INC.
2231 W. ALTORFER DRIVE
PEORIA, IL 61615
(SHIPPING ADDRESS ONLY)

PHONE #
(309) 692-9688
FAX #
(309) 692-9689



CHAIN OF CUSTODY RECORD 95080107-8

LAB NUMBER(S)

PLEASE PRINT. INSTRUCTIONS ON REVERSE SIDE CORRESPONDING WITH CIRCLED NUMBERS.

PAGE ____ OF ____

CLIENT Redol-Smitten		PROJECT NUMBER 9028		P.O. NUMBER		MEANS OF SHIPPING		ANALYSIS DESIRED (5) ICLP Lead ICLP Cadmium ICLP Bismuth																			
ADDRESS 17400 East Yang Street		PHONE NUMBER 914-438-5802		FAX NUMBER 914-438-6907		DATE SHIPPED 8-29-95																					
CITY & STATE Tulsa, OK 74416		SAMPLER (PLEASE PRINT) Loray Cassady		MATRIX (4)																							
CONTACT PERSON Loray Cassady		SAMPLER'S SIGNATURE <i>[Signature]</i>																									
(2) SAMPLE DESCRIPTION Soil Pile D.M. mixed SP2		DATE COLLECTED 8-29-95		TIME COLLECTED 11:17		GRAB (3)		COMPOSITE		WATER		SOIL		OTHER		TOTAL NUMBER OF CONTAINERS		(6) REMARKS									
Tank Sludge T4		8-29-95		T4		X										X X X											
																X X X											
(7) TURNAROUND TIME REQUESTED (PLEASE CIRCLE) (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE) RUSH RESULTS VIA: (PLEASE CIRCLE)		NORMAL		RUSH		(8) Special Instructions:																					
FAX# IF DIFFERENT FROM ABOVE:		PHONE# IF DIFFERENT FROM ABOVE:		FAX		PHONE																					
(9) RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>		DATE 8-29-95		TIME 11:49		RECEIVED BY: (SIGNATURE) Federal																					
RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>		DATE 8-3-95		TIME 9:00 AM		RECEIVED FOR LABORATORY BY: (SIGNATURE) Kathy Porter																					
(10) Discrepancies between sample labels and COC record Samples were: Chilled Received in good condition Received in proper container Received within holding time		Y or N Y or N Y or N Y or N		Notes: Analysis should be Pb, Cr, Ba Checked 8/31/95 by LYG per Loray Cassady																							

PHONE #
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95080109-10

LAB NUMBER(S)

PAGE ____ OF ____

PLEASE PRINT. INSTRUCTIONS ON REVERSE SIDE CORRESPONDING WITH CIRCLED NUMBERS.

[illegible]

WHITE-REPORT COPY YELLOW-LAB COPY PINK-SAMPLER'S COPY